

FIG. 1

FIG. 1 is a block diagram of a network architecture according to an embodiment of the present invention.

FIG. 2A

RULE 1:

IF RT is LOW AND NAC is LOW AND DT is LOW
THEN
SI is HIGH

RULE 2:

IF RT is LOW AND NAC is LOW AND DT is MEDIUM
THEN
SI is MEDIUM-HIGH

RULE 3:

IF RT is LOW AND NAC is LOW AND DT is HIGH
THEN
SI is MEDIUM-LOW

RULE 4:

IF RT is LOW AND NAC is MEDIUM AND DT is LOW
THEN
SI is HIGH

RULE 5:

IF RT is LOW AND NAC is MEDIUM AND DT is MEDIUM
THEN
SI is MEDIUM-HIGH

RULE 6:

IF RT is LOW AND NAC is MEDIUM AND DT is HIGH
THEN
SI is MEDIUM

RULE 7:

IF RT is LOW AND NAC is HIGH AND DT is LOW
THEN

FIG. 2B

SI is MEDIUM-HIGH

RULE 8:

IF RT is LOW AND NAC is HIGH AND DT is MEDIUM
THEN
SI is MEDIUM-LOW

RULE 9:

IF RT is LOW AND NAC is HIGH AND DT is HIGH
THEN
SI is LOW

RULE 10:

IF RT is HIGH AND NAC is LOW AND DT is LOW
THEN
SI is MEDIUM

RULE 11:

IF RT is HIGH AND NAC is LOW AND DT is MEDIUM
THEN
SI is MEDIUM-LOW

RULE 12:

IF RT is HIGH AND NAC is LOW AND DT is HIGH
THEN
SI is LOW

RULE 13:

IF RT is HIGH AND NAC is MEDIUM AND DT is LOW
THEN
SI is MEDIUM-LOW

RULE 14:

IF RT is HIGH AND NAC is MEDIUM AND DT is MEDIUM

FIG. 2C

THEN

SI is LOW

RULE 15:

IF RT is HIGH AND NAC is MEDIUM AND DT is HIGH

THEN

SI is LOW

RULE 16:

IF RT is HIGH AND NAC is HIGH AND DT is LOW

THEN

SI is LOW

RULE 17:

IF RT is HIGH AND NAC is HIGH AND DT is MEDIUM

THEN

SI is MEDIUM-LOW

RULE 18:

IF RT is HIGH AND NAC is HIGH AND DT is HIGH

THEN

SI is LOW

RULE 19:

IF RT is MEDIUM AND NAC is LOW AND DT is LOW

THEN

SI is MEDIUM-HIGH

RULE 20:

IF RT is MEDIUM AND NAC is LOW AND DT is MEDIUM

THEN

SI is MEDIUM

RULE 21:

FIG. 2D

IF RT is MEDIUM AND NAC is LOW AND DT is HIGH
THEN
SI is LOW

RULE 22:

IF RT is MEDIUM AND NAC is MEDIUM AND DT is LOW
THEN
SI is MEDIUM-HIGH

RULE 23:

IF RT is MEDIUM AND NAC is MEDIUM AND DT is MEDIUM
THEN
SI is MEDIUM

RULE 24:

IF RT is MEDIUM AND NAC is MEDIUM AND DT is HIGH
THEN
SI is LOW

RULE 25:

IF RT is MEDIUM AND NAC is HIGH AND DT is LOW
THEN
SI is MEDIUM

RULE 26:

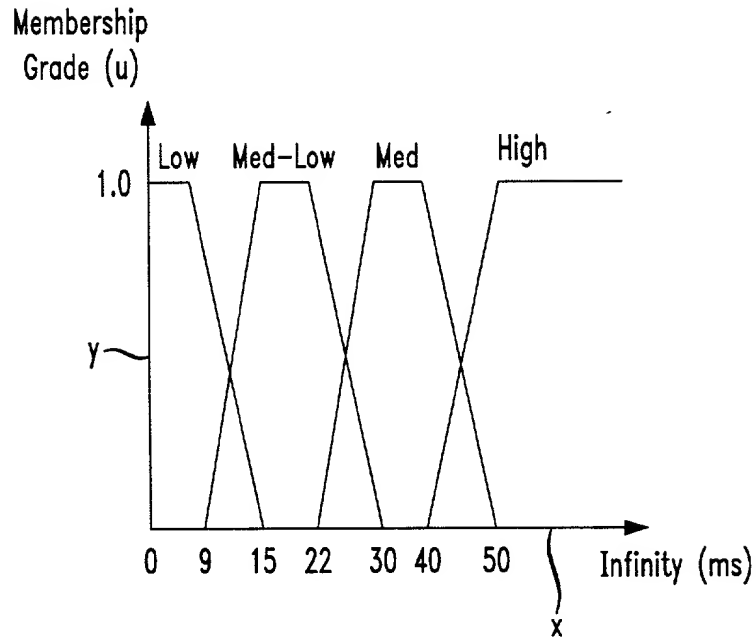
IF RT is MEDIUM AND NAC is HIGH AND DT is MEDIUM
THEN
SI is MEDIUM-LOW

RULE 27:

IF RT is MEDIUM AND NAC is HIGH AND DT is HIGH
THEN
SI is LOW

FIG. 3

Universe Of Discourse For Round Trip Time (RT)

*FIG. 4*

Universe Of Discourse For Number Of Active Conns (NAC)

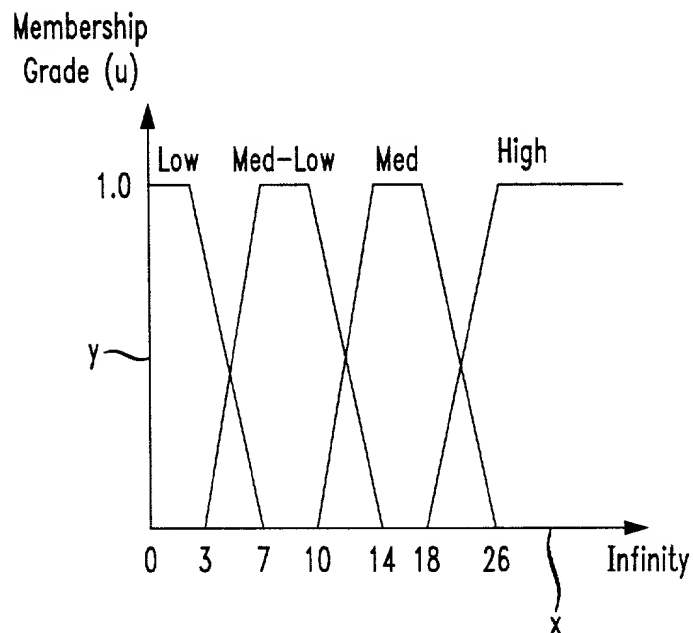
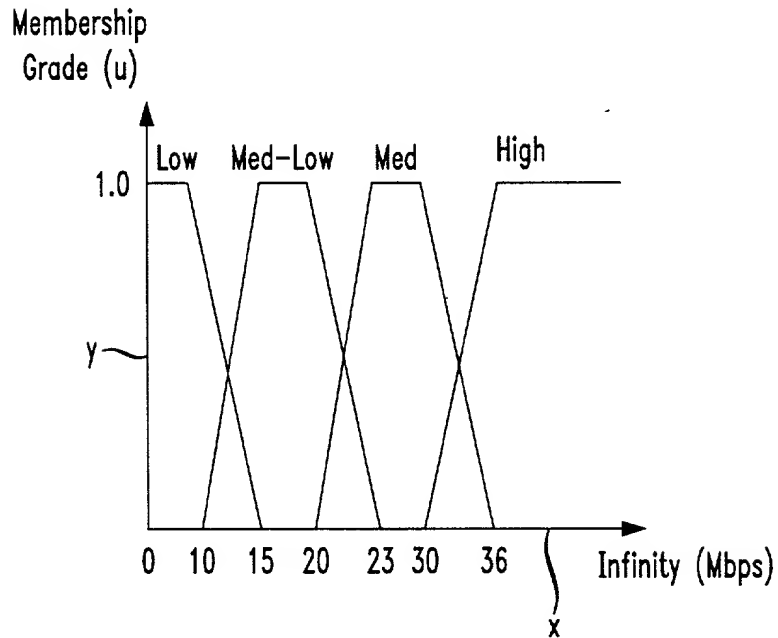


FIG. 5

Universe Of Discourse For Delivered Throughput (DT)



Rule 1: If RT is LOW AND NAC is LOW AND DT is LOW Then SI is HIGH

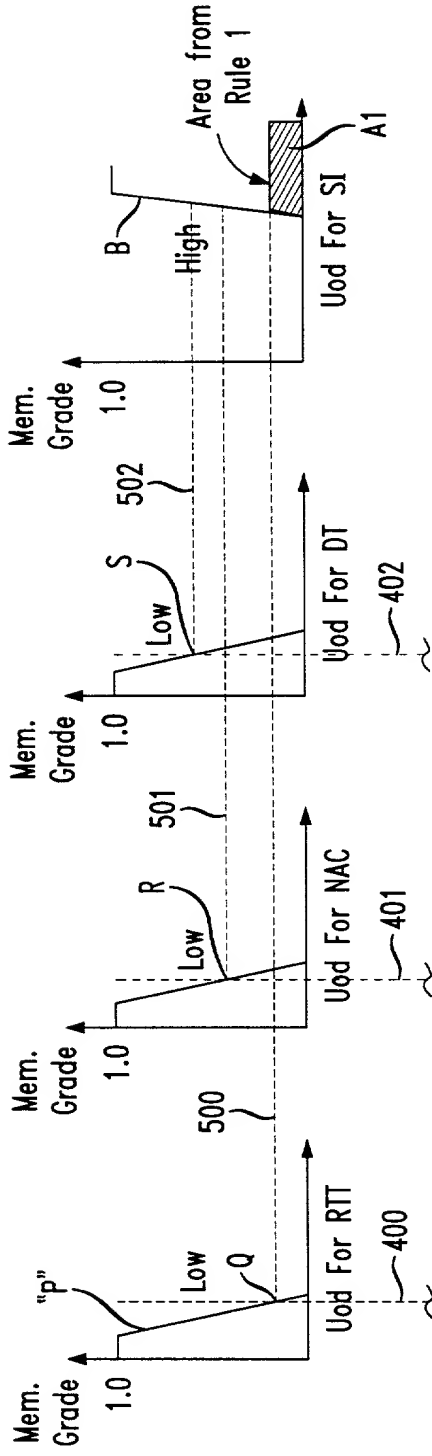


FIG. 6A

Rule 2: If RT is MED AND NAC is MED AND DT is LOW Then SI is Med-HIGH

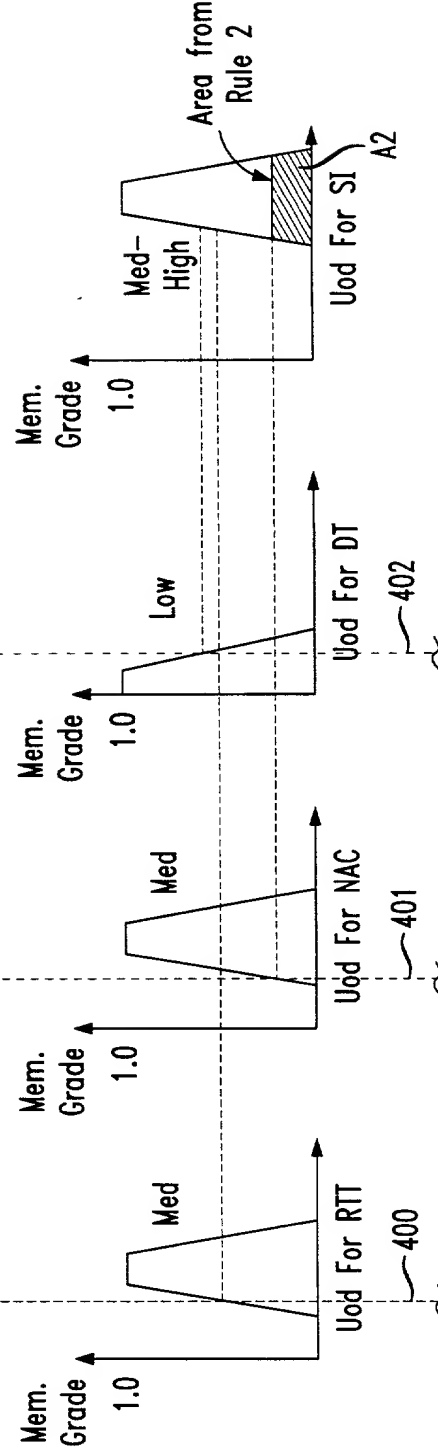


FIG. 6B

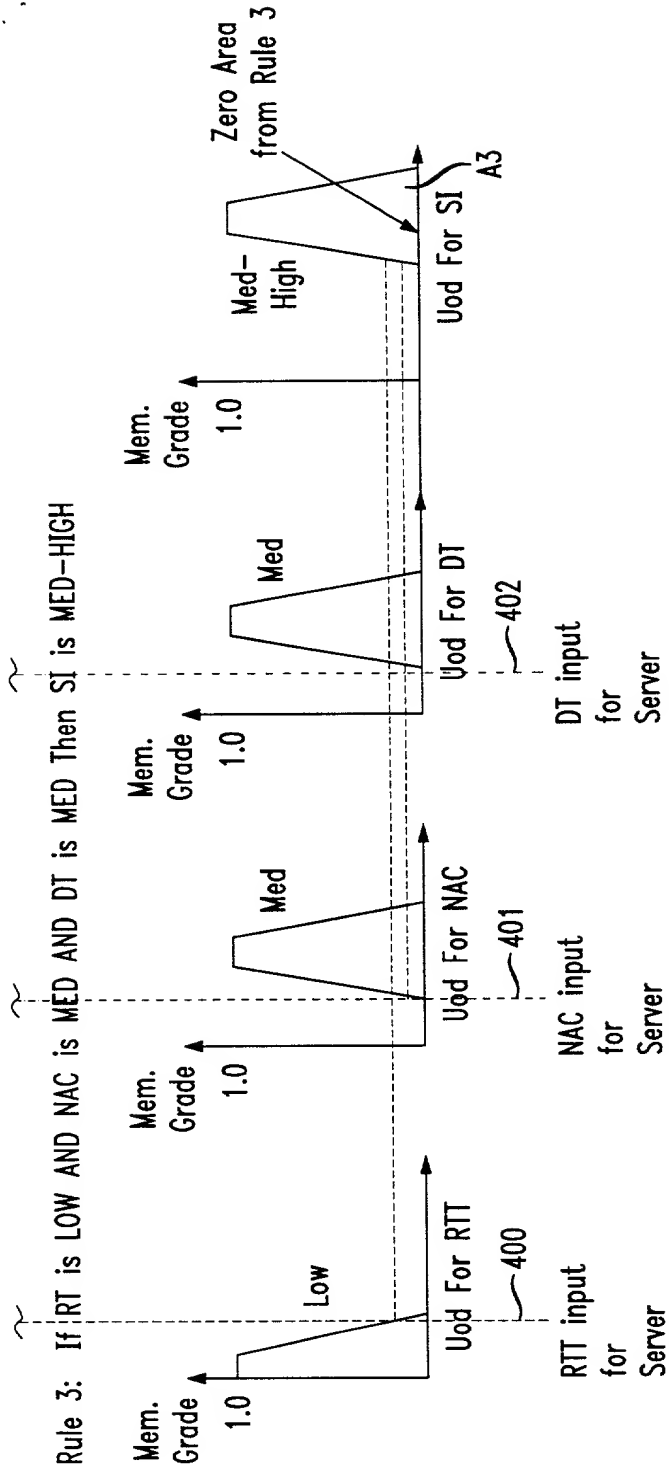


FIG. 6A

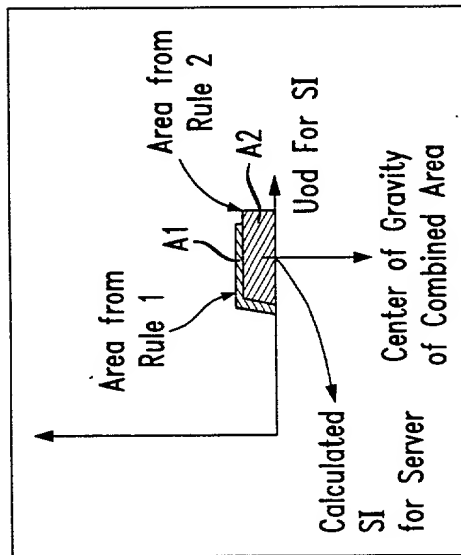


FIG. 6D